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MONTANA OIL AND GAS STATISTICAL BULLETIN

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BOARD OF OIL AND GAS CONSERVATION
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Vol. XX, No. 1 JANUARY, 1972

Production of crude oil and condensate from the oil and gas areas of Montana for the month of January, 1972 averaged 88,022 barrels daily, a decrease of 3,118 barrels for the average December, 1971 production of 91,140.

The nine refineries in the state processed 130,522 barrels of crude oil daily for the month of January, 1972, an increase of 4,118 barrels from the 126,404 barrels processed daily during the month of December, 1971.

During January, 57 wells were completed, 16 oil, 4 gas and 37 dry holes.

During January the commission issued 43 permits to drill new wells, a decrease of 22 from the 65 permits issued during December.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF JANUARY, 1972

IN STORAGE JANUARY 1st	
By Producers	290,832
By Transporters	1,316,908
By Refiners	605,612
TOTAL STORAGE	
Produced in Montana During Month	2,728,681
Imported During Month	3,229,982
TOTAL	
DISPOSITION:	8,172,015
Refined in Montana	4,046,175
Exported	1,742,248
Used for Fuel or Lost	3,897
TOTAL	
IN STORAGE JANUARY 31st	5,792,320
By Producers	319,230
By Transporters	1,245,295
By Refiners	814,568
TOTAL STORAGE	
	2,379,093

NATURAL GAS WITHDRAWALS IN MONTANA

Month of January, 1972

Field	M. C. Ft.
Bell Creek	142,501
Big Coulee	185,073
Blackjack	59,583
Bowdoin	491,159
Bowes	34,530
Cabin Creek	92,101
Cedar Creek	1,869,225
Cut Bank (including Regan)	421,887
Dry Creek	64,175
Elk Basin	38,656
Flat Coulee	20,286
Gold Butte	— 0 —
Grandview	54,306
Hardin	769
Keith Block	171,402
Kevin Sunburst	47,692
Lake Basin	62,382
Middle Basin	3,218
Mt. Lilly	72,859
Pine	40,874
Plevna	9,221
Tiger Ridge—Squaw Coulee	171,136
Trail Creek	17,463
Utopia	65,169
Whitlash	75,696
Miscellaneous	305,660
TOTAL	
	4,517,023

Total Withdrawals for January, 1971, were 4,717,271.

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PRODUCERS' REPORT — MONTH OF JANUARY, 1972

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Loss or Gain	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	264	1,456	—	1,512	—	208
1	Bainville	1	2,688	3,770	—	3,398	—	3,060
18	Bear's Den	4	1,581	787	—	424	—	1,944
—	Bell Creek	307	24,687	474,642	472,251	—	77	27,001
—	Benrud	—	49	—	—	—	—	49
2	Benrud East	2	1,940	14,071	14,939	—	—	1,072
1	Benrud Northeast	1	620	1,945	1,523	—	—	1,042
—	Berthelote	—	333	—	—	—	—	333
5	Big Wall	18	2,238	5,055	4,389	—	—	2,904
4	Blackfoot	5	1,285	1,160	898	—	511	1,036
2	Border	2	1,409	328	—	180	—	1,557
1	Bowes	45	3,664	11,003	8,836	—	—	5,831
1	Bradley	1	431	565	418	—	—	578
—	Brady	—	102	86	86	—	—	102
4	Brorson-Madison	4	922	3,982	—	2,694	—	2,210
5	Brorson-Red River	5	4,463	12,229	—	12,568	—	4,124
3	Brorson-Red River South	3	1,549	6,548	—	5,952	—	2,145
7	Brush Lake	7	1,919	32,457	33,256	—	—	1,120
2	Cabin Creek	90	—	283,557	283,557	—	—	—
1	Canal	1	1,878	6,632	—	7,664	—	846
11	Cat Creek	47	2,895	17,626	15,312	2,244	—	2,965
—	Clark's Fork	—	6	—	—	—	—	6
1	Clark's Fork South	1	149	714	—	518	—	345
—	Conrad South	—	100	—	—	—	—	100
2	Cow Creek	2	203	901	—	259	—	845
3	Cow Creek East	3	478	18,478	—	18,088	—	868
1	Culbertson	1	585	1,071	—	1,253	—	403
6	Cupton	6	3,904	10,568	—	9,971	—	4,501
115	Cut Bank	851	54,251	403,869	398,441	—	—	59,679
—	Dean Dome	—	65	—	—	—	—	65
1	Deer Creek	1	702	1,298	1,384	—	—	616
—	Delphia	—	103	—	—	—	—	103
—	Devil's Basin	—	573	—	—	—	—	573
2	Dwyer	14	5,039	22,052	22,968	—	—	4,123
3	Elk Basin	45	877	138,163	138,374	—	—	666
5	Elk Basin Northwest	9	2,062	4,532	4,991	—	—	1,603
7	Fairview	11	8,239	33,378	18,158	16,672	—	6,787
2	Fertile Prairie	2	729	1,250	—	1,250	—	729
4	Flat Coulee	19	2,820	6,468	6,386	—	—	2,902
40	Flat Lake	52	4,027	45,404	45,646	—	—	3,785
6	Flat Lake South	6	821	9,170	8,968	—	—	1,023
1	Ft. Gilbert	2	113	32,200	32,078	—	—	235
1	Frannie	1	—	1,395	1,395	—	—	—
8	Fred & George Creek	32	2,751	30,401	30,065	—	—	3,087
1	Gage	1	42	99	—	—	—	141
3	Gas City	17	4,408	22,523	15,771	5,137	—	6,023
2	Girard	2	1,063	3,079	—	2,514	—	1,628
11	Glendive	15	2,908	26,424	26,785	—	—	2,547
26	Goose Lake	34	3,927	32,012	30,311	—	—	5,628
9	Graben Coulee	19	4,543	3,303	1,317	1,842	—	4,687
—	Gypsy Basin	—	944	—	—	—	—	944
1	Hay Creek-Mission Canyon	1	33	1,415	1,407	—	—	41
2	Hav Creek-Red River	2	321	10,510	10,519	—	—	312
4	Hawatha	4	2,005	5,635	5,637	—	—	2,003
—	Hibbard	—	472	—	—	—	—	472
1	Injun Creek	1	605	293	—	—	—	898
6	Ivanhoe	12	1,866	3,684	3,645	—	—	1,905
5	Jim Coulee	10	1,342	19,763	18,230	—	—	2,875
4	Keg Coulee	16	3,787	15,068	13,471	—	—	5,381
2	Keg Coulee North	2	331	349	—	—	—	680
1	Kelley	4	510	4,449	4,144	191	—	624
53	Kevin Sunburst	318	7,116	17,095	16,433	—	—	7,778
8	Laird Creek	10	692	2,834	—	2,646	—	880
3	Leary	3	965	3,799	—	2,876	3	1,885
1	Little Beaver	23	—	37,895	37,885	—	—	—
2	Little Beaver East *	12	2,148	13,563	13,304	—	—	2,407
1	Little Wall Creek	1	726	2,664	2,962	—	—	423
1	Lodge Grass	1	1,313	430	—	1,043	—	700
3	Lonetree Creek	3	1,852	29,777	29,777	29,854	—	1,775
3	Lookout Butte (Coral Creek)	31	1,080	66,630	66,489	—	—	1,221
1	Mason Lake	1	464	110	—	—	—	574
2	Melstone	3	616	1,902	1,553	—	—	965
1	Mineral Bench	1	483	440	396	—	—	527
—	Miner's Coulee	—	107	—	—	—	—	107
11	Monarch	14	3,981	15,709	12,622	3,201	—	3,867
2	Mosser	2	—	369	—	369	—	—
2	Otis Creek	2	1,260	3,929	—	4,533	—	656
6	Outlook	8	4,545	16,023	14,960	—	—	5,608
1	Outlook South	1	788	844	888	—	—	744
2	Outlook West	2	1,215	2,569	2,170	—	—	1,614
1	Pennel-Lookout Butte	112	—	155,315	155,315	—	—	—
4	Pine	110	16,339	243,021	242,514	—	—	16,846
50	Pondera	230	3,818	17,925	15,899	—	—	5,844
—	Pondera Coulee	—	—	553	553	—	—	—
7	Poplar	65	8,569	43,353	42,580	—	—	9,342
1	Poplar Northwest	1	2,113	592	380	—	—	2,325
—	Prairie Elk	—	1,535	—	—	—	—	1,535
2	Pritchard Creek	2	167	352	352	—	—	167
1	Putnam	1	443	5,306	—	5,306	—	443
4	Ragged Point	12	2,419	5,557	4,574	—	—	3,402
2	Rattlesnake Coulee	2	490	244	—	—	—	664
2	Reagan	41	321	18,212	18,212	—	—	321
1	Red Creek	20	—	13,218	13,218	—	—	—
1	Red Fox	1	191	796	663	—	—	324
1	Redstone	1	409	1,764	1,946	—	—	227
1	Repeat	1	505	1,313	—	1,158	—	660
4	Reserve	4	—	7,313	7,313	—	—	—
1	Richey	1	239	985	872	—	—	352
1	Richey Southwest	6	598	2,751	—	2,649	—	700
1	Rush Mountain	1	654	2,852	2,932	—	—	574
2	Salt Lake	3	482	3,896	—	3,723	—	645
4	Sand Creek	6	1,877	4,437	4,571	—	—	1,743
1	Snyder	4	875	333	—	—	—	1,208
7	Sono Creek	18	2,940	3,527	—	1,960	—	4,507
1	Spring Lake	2	1,285	2,219	—	2,564	—	940
1	Stensvad	3	3,093	27,244	27,523	—	—	2,814
11	Sumatra	71	12,706	77,994	76,972	—	—	13,728
4	Tule Creek	5	3,144	20,369	1,643	19,904	—	1,966
2	Tule Creek East	2	562	7,623	—	7,616	—	569
2	Tule Creek South	3	858	3,000	—	2,869	—	989
2	Vida	2	451	1,222	—	1,420	—	253
4	Volt	5	1,507	12,037	10,046	—	—	3,498
2	Weed Creek	2	462	1,516	1,676	—	1	301
3	Weldon	3	589	10,182	9,807	—	—	964
1	West Butte	1	—	956	—	956	—	—
14	Whitlash	35	7,450	9,527	8,154	—	—	8,823
1	Whitlash West	1	473	95	—	—	—	568
3	Willow Creek North	3	832	2,505	2,534	—	—	803
2	Wills Creek South	2	—	2,863	2,863	—	—	—
5	Wolf Springs	7	3,410	3,339	3,526	—	—	3,223
2	Woodrow	2	707	2,338	2,841	—	—	204
5	Wright Creek	5	2,665	1,518	3,026	—	—	1,157
—	Wildcat, Blaine Cty	—	157	—	—	—	—	157
—	Wildcat, Carbon Cty	—	310	—	—	—	—	310
1	Wildcat, Daniels Cty	1	330	849	—	648	—	531
2	Wildcat, Glacier Cty	5	1,663	669	673	—	—	1,659
—	Wildcat, Liberty Cty	—	396	—	—	—	—	396
1	Wildcat, McCone Cty	1	458	878	—	414	—	922
—	Wildcat, Richland Cty	—	68	—	—	—	—	68
1	Wildcat, Roosevelt Cty	1	370	1,744	—	1,255	—	859
632	TOTAL	2,984	290,832	2,728,681	2,508,396	191,295	592	319,230
Total Oil Produced & Shipped from Leases		Bbls. Produced	Daily Average		Bbls. Shipped		Daily Average	
Year, 1971		34,598,723	94,791		34,623,678		94,859	
January, 1972		2,728,681	88,022		2,699,691		87,087	
Oil In Storage		In Producers Field Tanks	In Transporters Storage		In Refiners Storage ‡		Total Oil in Storage ‡	
December, 1971		290,832	1,316,908		605,612		2,213,352	
January, 1972		319,230	1,245,295		814,568		2,379,093	

* Montana Oil Only

‡ Includes Wyoming Oil

TRANSPORTERS' MONTHLY REPORT — MONTH OF JANUARY, 1972

	Storage First of Month	Oil Received By			Loss or (Gain)	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK— Western Crude Oil, Inc.			1,512				1,512		
BAINVILLE—Koch Oil Company			3,398				3,398		
BEAR'S DEN—Truck			424				424		
BELL CREEK—Pipeline	61,209	472,251					273,267	210,203	49,990
BIG WALL— Continental Pipeline Co.		6,877				6,877			
BLACKFOOT— Camerland Cardinal Corp.		898						898	
BORDER—Permian Corp.			180					180	
BOWES—Texaco Inc.		8,836				8,836			
BRORSON-MADISON, BRORSON- RED RIVER & BRORSON-RED RIVER SOUTH— Koch Oil Company			21,214					21,214	
BRUSH LAKE— Portal Pipeline Co.		31,506					31,506		
CABIN CREEK & OTHERS*— Butte Pipeline Co.	353,622	686,123	55,457	655,430			1,379,141		371,491
Shell Pipeline Co.	3,575	296,524			633			294,169	5,297
	357,197	982,647	55,457	655,430	633		1,379,141	294,169	376,788
CANAL— Koch Oil Company			7,664				7,664		
CAT CREEK— Continental Pipeline Co. & Truck		15,312	2,244			17,556			
CLARK'S FORK AND CLARK'S FORK SOUTH— Permian Corp.			518				518		
COW CREEK & COW CREEK EAST— Western Crude Oil, Inc.			18,347				18,347		
CULBERTSON— Spruce Oil Co.			1,253				1,253		
CUT BANK— Continental Pipeline Co.			4,818	528,021				532,839	
Phillips Petroleum Co.	37,757	161,941		10,644	2,089	145,168		24,022	39,063
Texas Pipeline Co.	15,829	46,542		81,743	1,023			129,688	13,403
Union Oil Co.	46,012	52,088			609	52,91-0			44,581
Western Oil Trans. Co.		52,126						52,126	
Western Oil Trans. Co. (Moulton)		107,296						107,296	
	99,598	419,993	4,818	620,408	3,721	198,078		845,971	97,047
DWYER—Portal Pipeline Co.			22,967				22,967		
ELK BASIN & ELK BASIN NORTHWEST—Marathon Pipeline		142,750				142,750			
FAIRVIEW— Fairview Pipeline Co.		18,158					18,158		
Koch Oil Company			16,672				16,672		
		18,158	16,672				34,830		
FLAT COULEE— Camerland Cardinal Corp.		5,941				5,941			
FLAT LAKE & FLAT LAKE SOUTH— Portal Pipeline Co.		50,771					50,771		
FT. GILBERT— Fairview Pipeline Co.		32,078					32,078		
FRANNIE—Interstate Pipeline Co.			1,395				1,395		
FRED & GEORGE CREEK— Camerland Cardinal Corp.	6,843	29,428				26,845		4,071	5,355
GIRARD— Koch Oil Company			2,514				2,514		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK— Texas Pipeline Co.	5,578	25,567			(1,577)			26,984	5,738
GOOSE LAKE— Portal Pipeline Co.		27,215					27,215		
HAY CREEK— Fairview Pipeline Co.		11,925					11,925		
HIAWATHA— Continental Pipeline Co.		7,219					7,219		
IVANHOE— Continental Pipeline Co.		3,644				3,644			
KEG COULEE & KEG COULEE NORTH— Continental Pipeline Co.		14,963				14,963			
KELLEY— Continental Oil Co.		4,335				4,335			
KEVIN SUNBURST— Big West Oil Co.	7,153	2,330				4,448			5,035
Homestake Oil & Gas Co.	2,849	1,281				845		415	2,870
Texas Pipeline Co.	14,064	5,371			337			7,446	11,652
	24,066	8,982			337	5,293		7,861	19,557
LEARY—Permian Corp.			2,876				2,876		
LODGE GRASS—Permian Corp.			1,043			1,043			
MELSTONE— Continental Oil Co.		899				899			
MIDDLE WALL**— Continental Pipeline Co.		12,628						12,628	
MOSSER—Permian Corp.			4,533				369		
OTIS CREEK— Western Crude Oil, Inc.			369				4,533		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST— Portal Pipeline Co.		18,099					18,099		
PONDERA— Phillips Petroleum Co.	30,353	15,298			182	12,807			32,662
POPLAR, BENRUD, BENRUD EAST, RED FOX, REDSTONE, East Poplar Gathering System	21,657	72,581			(124)			77,560‡	16,802
PUTNAM— Western Crude Oil, Inc.			5,306				5,306		
RAGGED POINT— Continental Pipeline Co.		4,950				4,950			
RED CREEK— Western Oil Transportation Co		13,621						13,621	
RESERVE—Portal Pipeline Co.		7,084					7,084		
RUSH MOUNTAIN— Sinclair Refining Co.		2,932					2,932		
SALT LAKE— Koch Oil Company			3,723				3,723		
SOAP CREEK—Permian Corp.			1,960				1,960		
SPRING LAKE— Koch Oil Company			2,564				2,564		
SUMATRA & STENSVAÐ— Continental Pipeline Co.	706,619	102,909		2,568,091	(232)	93,538		2,645,102	639,211
TULE CREEK— Spruce Oil Co.	3,788		27,520			29,163			2,145
Permian Corp.			2,869			2,869			
	3,788		30,389			32,032			2,145
WEED CREEK & WOLF SPRINGS Continental Pipeline Co.		5,202				5,202			
WHITLASH & WHITLASH WEST— Camerland Cardinal Corp.		8,136				8,136			
WILDCAT WELLS—Truck			2,317				2,317		
TOTAL	1,316,908	2,609,997	191,295	3,843,929	2,940	593,725	1,959,707	4,160,462	1,245,295

* Cabin Creek, Cupton, Fertile, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon and Wills Creek South

** Jim Coulee, Little Wall Creek and Willow Creek North

‡ Transferred to Butte Pipeline Company

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JANUARY, 1972

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Spruce Oil Co.	Westco Ref. Co.	Total
Big Wall		6,877								6,877
Cat Creek		3,387		12,566		26				15,979
Cut Bank	107,808						134,071		102,157	344,036
Delphia						1				1
Elk Basin		54,703		46,532	41,515					142,750
Flat Coulee									5,941	5,941
Fred & George Creek	51,845									51,845
Gage & Gage Southwest						2				2
Hibbard						3				3
Ivanhoe		3,644								3,644
Keg Coulee		5,932		7,538						13,470
Kelley					4,335					4,335
Kevin Sunburst	25,293									25,293
Lodge Grass		1,043								1,043
Melstone				899			13,050			899
Pondera										13,050
Ragged Point				4,950						4,950
Sumatra & Stensvad		19,454		74,084	10,693			61,998		104,231
Tule Creek										61,998
Weed Creek					1,676					1,676
Whitlash							10,644			10,644
Wolf Springs					3,526					3,526
Total Montana Oil	184,946	95,040		146,569	61,745	32	157,765	61,998	108,098	816,193
Canadian Oil Imported		539,572		356,205	261,205					1,156,982
Wyoming Oil Imported		849,392		282,387	941,221					2,073,000

Total Montana, Canadian
and Wyoming Oil

184,946 1,484,004 785,161 1,264,171 32 157,765 61,998 108,098 4,046,175

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total	Montana	Canada	Wyoming
Year, 1971	25,265	29,993	67,911	123,169	20.51%	24.35%	55.14%
January, 1971	21,116	25,404	74,128	120,648	17.50%	21.06%	61.44%
January, 1972	26,329	37,322	66,871	130,522	20.17%	28.59%	51.24%

PERCENTAGE OF CRUDE OIL REFINED